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No. 17] NEW DELHI, SATURDAY, APRIL 27, 1985 (VAISAKHA 7, 1907)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है, जिससे कि यह अलग संकलन के रूप में रखा जा सके ।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 27th April 1985

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APPLICATION FOR PATENT FILED AT THE HEAD
OFFICE 214 ACHARYA JAGADISH BOSE ROAD,
CALCUTTA-17

The date, shown in crocked brackets are the dates claimed
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14th March 1985

- 188/Cal/85 Dunlop India Limited Process for the preparation of novel adhesive by modifying dienes
- 189/Cal/85 Helmut Krahe Desulphurisation and denitrification of flue gases
- 190/Cal/85 Combustion Engineering Inc Mill Exhaust System
- 191/Cal/85 Brita Wasserfilter GMBH Insert for a water purification device
- 192/Cal/85 Berni Jung Provisional plant for aero-and astronautics
- 193/Cal/85 KRW Energy Systems Inc Improvements in or relating to fluidization and solids recirculation apparatus and process for a fluidized bed gasifier

15th March 1985

- 194/Cal/85 Euroceltione Iodophor composition
- 195/Cal/85 Hoechst Aktiengesellschaft A process for the preparation of water-soluble pyridone-azo compounds [Divided out of No 1207/Cal/82 15th October 1982]
- 196/Cal/85 The Babcock & Wilcox Company Electronics for fiber optic vortex shedding flow meter
- 197/Cal/85 Ianxide Corporation Novel ceramic materials and methods of making same

16th March 1985

- 198/Cal/85 (1) Metallgesellschaft Aktiengesellschaft
(2) Reynolds Metals Company Method of processing sodium oxalate formed during the digestion of bauxite
- 199/Cal/85 (1) Metallgesellschaft Aktiengesellschaft
(2) Reynolds Metals Company Method of processing sodium oxalate formed during the digestion of bauxite
- 200/Cal/85 Knorr-Bremse GMBH Mounting arrangement for brake pressure plates especially for rail vehicles

18th March 1985

- 201/Cal/85 (1) Alesandr Stepanovich But, (2) Leonid Petrovich Grebennikov Cargo Package Binding Method
- 202/Cal/85 Johnson Matthey Public Limited Company Catchment Packs
- 203/Cal/85 Westinghouse Electric Corporation Improvement in or relating to turbine generator with stator end winding support assembly including resilient bracket

19th March 1985

- 204/Cal/85 Bankamerica Corporation A fuel additive for use in alcohol fuels (20th January 1985)
- 205/Cal/85 Licentia Patent Verwaltungs-GMBH Signal-Technologically save data processing device

20th March 1985

- 206/Cal/85 The Babcock & Wilcox Company High temperature sample probe with filter
- 207/Cal/85 Siemens Aktiengesellschaft Single-pole plug-type connector for single core shielded electrical cable
- 208/Cal/85 Dr Niranjan Kumar Das Trijma

21st March 1985

- 209/Cal/85 Dr N B Sinha Solid culture method is best raw method for large scale production of Industrial important bacteria and fungi
- 210/Cal/85 Dr N B Sinha The new best economic method for solubilization of insoluble rock phosphate by microbial leaching
- 211/Cal/85 Roy William Buckland Improvements in shuttles (22nd March 1984, 10th April 1984)
- 212/Cal/85 Georg Fischer Aktiengesellschaft Process for production of cast iron with vermicular graphite.

22nd March, 1985

- 213/Cal/85 Centre Stephanos De Recherches Mecaniques Et Frottement Process for the treatment of foundry sands especially for the recovery of chromite as well as plant and means for fulfilment of the process
- 214/Cal/85 Ram Naresh Singh Face-Net device
- 215/Cal/85 Nova Scand Utveckling Aktiebolag A fibre board, a method for making it and a binder composition
- 216/Cal/85 John Warwick Illemor Method of Mouldings (22nd March 1984)

23rd March 1985

- 217/Cal/85 General Foods Corporation Foodstuffs containing sweetness inhibiting agents

25th March, 1985

- 218/Cal/85 Indian Explosives Limited Pyridine Manufacture
- 219/Cal/85 Indian Explosives Limited Acetonitrile Production
- 220/Cal/85 Cetus Corporation Purified recombinant Interleukin-2 and process for recovering and purifying same
- 221/Cal/85 Kett Electric Laboratory Electric Moisture meter
- 222/Cal/85 Bernard Zimmern A positive displacement screw machine
- 223/Cal/85 Mr Sushanta Barthakur Bottle Cap Opener.

26th March 1985

- 224/Cal/85 Purnendu Sekhar Maiti P S Maiti's Air Compressed Engine
- 225/Cal/85 Massey Ferguson Services N V Clutch Engagement Control System (5th April 1984)
- 226/Cal/85 Microwave Applications Group Adjustable-Phase Power Divider Apparatus

27th March 1985

- 227/Cal/85 Computer Identification Systems Inc High security engraved identification card and method of making the same

APPLICATION FOR PATENT FILED AT THE PATENT
OFFICE BRANCH MUNICIPAL MARKET BUILDING,
THIRD FLOOR KAROL BAGH NEW DELHI 15

4th March 1985

- 170/Del/85 Louis W Pailer Energy economizer controlled current start and protection for induction motors
- 171/Del/85 The Babcock & Wilcox Co 'Adjustable conical atomizer'
- 172/Del/85 Council of Scientific and Industrial Research, 'Low thermal mass down draft kiln'.

5th March, 1985

- 173/Del/85. Council of Scientific and Industrial Research. "Process for the extraction of copper from chalcopyrite concentrate through bacterial leaching technique using silver as a catalyst".
- 174/Del/85. Swaran Singh and Satnam Singh, "Machine for filling bottles or other containers with viscous liquids".
- 175/Del/85. Swaran Singh and Sushil Kaur, "Machine for affixing labels on bottles".
- 176/Del/85. Krishna Bhat. "A solar heat tapping wall pannel".
- 177/Del/85. Krishna Bhat. "Laminated, reinforced members of wood".
- 178/Del/85. Food Specialities Ltd., "Pumps for liquids, particularly viscous liquids".
- 179/Del/85. Prayon Development S.A., "An improvement made to rotary vacuum filters with a horizontal filtration plane".
- 180/Del/85. Imperial Chemical Industries PLC, "A controlled inductive coupling device". (Convention date April 25, 1984) (U.K.).
- 181/Del/85. Imperial Chemical Industries PLC., "Polyol compositions containing mould release agent". (Convention date March 14, 1984) (U.K.).
- 182/Del/85. Imperial Chemical Industries PLC., "Sports racket strings of a synthetic thermoplastic polymeric material".
(Convention date March 9, 1984 & February 22, 1985) (U.K.).

6th March, 1985

- 183/Del/85. La Telemecanique Electrique, "A combined device for on-load breaking and visible isolation of an electric circuit".
- 184/Del/85. President Engineering Corp., "Process for producing copper laminated base material for printed circuit boards".
- 185/Del/85. Camillo Pirovano, "Conveying rope with plastic scraping elements".
- 186/Del/85. James Howden & Co., Ltd., "Coal burner".
- 187/Del/85. James Howden & Co., Ltd., "Method of operating coal burner".

8th March, 1985

- 188/Del/85. Council of Scientific and Industrial Research, "Improved windmill".
- 189/Del/85. Council of Scientific and Industrial Research, "A device for efficient cooling of a low power klystron valve or other similar low power valves".
- 190/Del/85. Council of Scientific and Industrial Research, "A process for the conversion of solasodine to 16-dehydropregnenolone acetate (16-DPA)".
- 191/Del/85. Ciba Geigy AG., "Process for the preparation of specific glycidyl compounds".
- 192/Del/85. BICC Public Ltd. Co., "An improved flexible elongate body". (Convention date March 14, 1984) (U.K.).
- 193/Del/85. BICC Public Ltd. Co., "An improved optical fibre element". (Convention date March 14, 1984) (U.K.).
- 194/Del/85. BP Chemicals Ltd., "Preparation of sulphonates". (Convention date March 16, 1984, September 19, 1984 & November 2nd, 1984) (U.K.).

ALTERATION OF DATE

156022. Ante dated to 30th June, 1980.
(154/Cal/83).

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CLASS : 29-A.

156003

Int. Cl. : G 06 c 21/00.

A SYSTEM FOR PROCESSING GEOPHYSICAL DATA OF TWO-COORDINATE CHARACTER.

Applicant : CONOCO INC., OF P.O. BOX 1267, PONCA CITY, OKLAHOMA 74601, UNITED STATES OF AMERICA.

Inventor : 1. GEORGE WESLEY RICE.

Application No. 17/Cal/82 filed January 4, 1982.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A system for processing geophysical data of two-coordinate character to enable enhancement of interpretation utilizing a programmed digital computer and an image processor, comprising :

means for processing and storing plural records of said geophysical data that are each indicative of a selected parametric attribute of said data;

means for rasterizing each of said stored records into a two-dimensional grid wherein individual record indications are represented by a characteristic number of grid units within a selected grid scale and a characteristic color level within a selected intensity range;

means for reproducing each of said rasterized records in a different color and placing the reproduced records in grid unit registration as a plural color overlay reproduction; and

means for interactively varying the relationship between one or more of said record indications to empirically enhance the color display.

Compl. specn. 21 pages.

Drgs. 14 sheets.

CLASS : 189.

156006

2 Claims

Int. Cl. : A 45 d 33/00.

DEPILATORY ROLL-ON APPLICATOR.

Applicant : INTERNATIONAL CHEMICAL COMPANY LIMITED, OF 11, CHENIES STREET, LONDON WC1E 7ET, ENGLAND.

Inventor : 1. ROBERT NOEL TRAVERS HONEYBOURNE.

Application No. 311/Cal/82 filed March 20, 1982.

Convention dated 14th April, 1981 (81 11857) U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A depilatory roll-on applicator comprising a body portion containing a depilatory fluid or a powder, a neck provided with a rotatable ball, a housing for the ball, said housing being provided with a plurality of arcuate projections having a lower part on which the ball is seated and an upper part which grips the ball to keep it in place, said projections having spaces in between defined by said projections and the surface of the ball, through which the fluid or powder can pass when the device is in use.

Compl. specn. 9 pages.

Drgs. 1 sheet.

CLASS : 70-C₄.

156007

Int. Cl. : C 23 b 5/00, 7/00.

ELECTROCOATING APPARATUS.

Applicant : METAL BOX LIMITED, OF WUEENS HOUSE, FORBURY ROAD, READING RG1 3JH. BERKSHIRE, ENGLAND.

Inventors : 1. DOUGLAS HUMPHERY JACKSON, 2. JACK ROBERT MADLEY, 3. DENNIS CHARLES LATHWELL.

Application No. 1150/Cal/81 filed October 17, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

21 Claims

An electrocoating apparatus in which a plurality of electrocoating cells are movable successively to each of a plurality of electrocoating stations comprising means for periodically electrocoating pulse to each electrocoating station at a time when an electrocoating cell is located at the respective electrocoating station and electrocoating fluid is present in said cell, such that a plurality of discrete electrocoating pulses are applied to each cell as it is moved to said electrocoating stations in succession.

Compl. specn. 32 pages.

Drgs. 2 sheets.

CLASS : 90-F & I.

156008

Int. Cl. : C 03 b 17/00, 37/00, 37/06.

METHOD OF MANUFACTURING GLASS FIBERS.

Applicant : NITTO BOSEKI CO., LTD., OF 1, AZA HIGASHI, GONOME, FUKUSHIMA-SHI, JAPAN.

Inventor : 1. HIROAKI SHONO.

Application No. 1222/Cal/81 filed November 3, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

A method of manufacturing glass fibers comprising : passing separate streams of molten glass through a tip nozzle in a nozzle plate having a plurality of orificed cylindrical tips projecting downwardly from the said nozzle plate which tips are disposed at a distance of 0.3 to 2.0 mm between outer peripheral surfaces of adjacent ones of said tips, thereby to form a cone of molten glass at the outlet of each said orificed tip; drawing glass fibers from said cones; and directing a flow of gas towards said tip nozzle to move substantially in the direction parallel to the direction of running of the glass fibers drawn from said tip nozzle i.e. in a direction as perpendicular as possible to the nozzle plate such that gas stagnant in the region between said tips is eliminated to cool said tip nozzles and said cones of molten glass.

Compl. specn. 16 pages.

Drgs. 2 sheets.

CLASS : 188.

156009

Int. Cl. : C 23 c 1/02, 1/08.

A PROCESS OF APPLYING A PROTECTIVE METAL COATING TO A SUBSTRATE.

Applicant : INTERNATIONAL LEAD ZINC RESEARCH ORGANIZATION, INC. 292 MADISON AVENUE, NEW YORK, NEW YORK 10017 USA.

Inventors : 1. SCHRADER F. RADTKE, 2. DIMITRI COUTSOURADIS, 3. JACQUES PELERIN.

Application No. 1437/Cal/81 filed December 21, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims

A process of applying a protective metal coating to a substrate comprises the steps, of immersing the substrate in a molten alloy comprised of zinc, aluminium and rare earth-containing alloy, said bath formulated so as to yield a coating from about 85% to about 97% Zn from about 3% to about 15% Al, and at least about 5 ppm of a rare earth-containing alloy.

Compl. specn. 12 pages.

Drgs. Nil.

CLASS : 206-E.

156010

Int. Cl. : H 03 f 21/00.

SWITCHING AMPLIFIER FOR HIGH POWER AMPLIFICATION OF AN ANALOG LOW-FREQUENCY SIGNAL.

Applicant : BBC BROWN, BOVERI & COMPANY, LIMITED, OF CH-5401 BADEN, SWITZERLAND.

Inventors : 1. ANDREAS FURRER, 2. VACLAV MERTL, 3. JOHANN MILAVEC, 4. HERBERT STEMLER.

Application No. 116/Cal/82 filed January 29, 1982.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A switching amplifier for high power amplification of an analog low-frequency signal, comprising :

a plurality of switching stages each of which can be independently switched on and off, and delivers in its switched-on condition a nearly constant voltage at its output;

at least two switching channels connected in parallel within each of said switching stages, whereby each of said switching channels comprises a pulse transformer whose primary side is connected to a voltage source via a switching element, and whose secondary side is connected to the output of the respective switching channel via a rectifier;

an A/D converter for measuring at predetermined intervals of time the instantaneous value of the amplitude of said analog low frequency signal and for generating a digital value corresponding to said instantaneous amplitude value;

a storage with a plurality of storage cells each of which corresponds to one of said switching stages;

means provided for setting a number of said storage cells corresponding to said digital value;

a control-pulse generator which in accordance with the set storage cells generates control pulses for driving the respective switching stages, whereby the switching channels of said driven switching stages are alternately switched on and off by actuating their respective switching elements; and

means provided for summing up the output voltages of said switching channels and switching stages respectively.

Compl. specn. 20 pages.

Drgs. 2 sheets.

CLASS : 69-E.

156011

Int. Cl. : H 01 r 7/00.

A MEDIUM VOLTAGE ELECTRICAL SWITCH.

Applicant : SIEMENS AKTIENGESellschaft, OF BERLIN AND MUNICH, WEST GERMANY.

Inventors : 1. PAUL KUENZLE, 2. KARL-HEINZ VOSS.

Application No. 306/Cal/82 filed March 18, 1982.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A medium voltage electrical switch comprising : a support frame; a switch driving arrangement including an operating shaft which is mounted in lateral side walls of the frame; a switch shaft operably coupled with movable contact means of the switch; springs in the driving arrangement cooperable with said shafts for rapid switch closing and opening; and two profiled bars interconnecting said side walls and acting as supports for fixed assemblies of adjacent current paths in the switch; wherein the operating shaft projects outwardly beyond each of said side walls, and said springs are arranged within said frame and are arranged and/or supported in the space between the operating shaft and one of the two profiled bars, together with said switch shaft and with other parts of the switch driving arrangement which are cooperable with both said shafts.

Compl. specn. 15 pages.

Drgs. 3 sheets.

CLASS : 32-F₁; 32-F₂ a;

32-F₂ b;

32-F₂ c;

55-D₂.

156012

Int. Cl. : C 07 c 119/00, 131/00 + C 07 d 91/00, 93/00;

A 01 n 9/00.

A PROCESS FOR THE PREPARATION OF NOVEL OXIME PHOSPHATE COMPOUNDS.

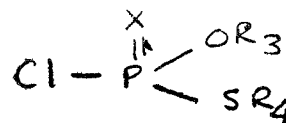
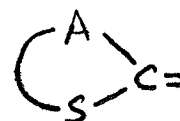
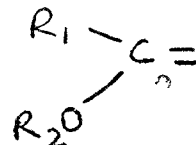
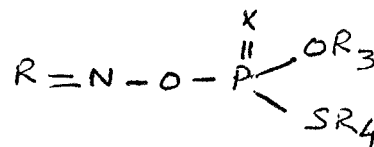
Applicant : UNION CARBIDE CORPORATION, AT OLD RIDGEBURY ROAD, DANBURY, CONNECTICUT, 06817, UNITED STATES OF AMERICA.

Inventors : 1. LEONARD EDWARD HODAKOWSKI, 2. THEMISTOCLES DAMASCENO JOAQUIM D'SILVA.

Application No. 361/Cal/82 filed March 31, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

A process for the preparation of novel oxime phosphate compound of the formula shown in Fig. 1 of the accompanying drawings,



wherein X is oxygen or sulfur; R₃ and R₄ are individually alkyl; provided that the total number of aliphatic carbon atoms in each of R₃ and R₄ does not exceed six; wherein R is a group of formula showing in Fig. 2 of the drawings, wherein :

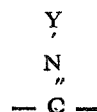
R₁ is alkyl, cycloalkyl or phenyl, all of which may be unsubstituted or substituted with one or more alkyl, halogen, alkoxy, or alkylthio substituents; provided that the total number of aliphatic carbon atoms in any alkyl, alkoxy or alkylthio substituent may not exceed eight; and provided further that the total number of aliphatic carbon atoms in R₁ may not exceed sixteen; and provided further that when R₁ is cycloalkyl, the total number of aliphatic carbon atoms in said cycloalkyl ring structure may be no less than three and may not exceed six;

R₂ is alkyl, provided that the total number of aliphatic carbon atoms in R does not exceed eight; or a group of formula shown in Fig. 3 of the drawings, wherein :

A is a three or four-membered divalent aliphatic chain, which may be optionally substituted by one or more alkyl or acyl groups each containing no more than six carbon atoms, and which may include in said chain one or more divalent;

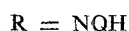
sulfur, sulfinyl, sulfonyl, oxygen, carbonyl, thiono or dicyanomethylidene moieties; or amino moieties, which may be optionally substituted with alkyl, alkenyl, alkoxyalkyl or acyl groups having no more than six carbon atoms; or

imino moieties of the formula



wherein Y is alkyl, alkenyl, alkynyl, dialkylamino, cyano, alkylsulfonyl, aryl or arylsulfonyl groups, aryl groups being optionally substituted with halogen or alkyl substituents having no more than ten carbon atoms,

which process comprises reacting an appropriate oxime of formula



wherein R is as mentioned above with a stoichiometric amount of an appropriate chlorophosphate compound of formula shown in Fig. 6 of the drawings,

wherein X, R₃ and R₄ are as defined above in the presence of at least a stoichiometric amount of an acid acceptor and an inert solvent such as herein described.

Compl. specn. 45 pages.

Drgs. 1 sheet.

CLASS : 129-A.

156013

Int. Cl. : B 21 d 5/00, 7/00.

A BENDING STRAIN RELIEF ASSEMBLY.

Applicant : PREFORMED LINE PRODUCTS COMPANY, 660 BETA DRIVE, MAYFIELD VILLAGE, OHIO 44143, UNITED STATES OF AMERICA.

Inventor : I. FRANK ALBERT, JR.

Application No. 424/Cal/82 filed April 17, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims

A bending strain relief assembly for use with elongated flexible members comprising :

a plurality of generally helical band members cooperatively interdigitated and defining a sleeve having a substantially cylindrical passage therethrough, each said band member including a plurality of individual helical elements encapsulated together in synthetic plastic material, said band members having grip means on at least one end portion thereof for engagement with a clamping head; a clamping head having clamping means cooperatively engaging said grip means radially and longitudinally for preventing radial separation of said band members at said one end portion thereof and for preventing relative longitudinal movement between said band members and clamping head; and, holding means around said band members adjacent the other end portions thereof for preventing radial separation thereof.

Compl. specn. 24 pages

Drgs. 3 sheets

CLASS : 68-Es.

156014

Int. Cl. : H 02 m 7/00.

A POWER SUPPLY UNIT OR "POWER PACK" FOR FLUORESCENT TUBES.

Applicant & Inventor : RAM BINAY GUPTA, OF VILLAGE & P.O. KURTHA, DIST. GAYA (BIHAR), INDIA.

Application No. 514/Cal/82 filed May 6, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

An electric power supply unit or power pack for fluorescent tube circuits comprising a bridge of four rectifiers, a pair of opposite junctions being adapted to be connected to the power supply lines and the other pair of junctions being adapted to the fluorescent tube terminals connected together at each of its ends and a pair of capacitances connected between the junctions of the bridge connected to the fluorescent tube terminals,

the junction between the capacitances being connected to one of the other pair of junctions of the bridge.

Compl. specn. 7 pages

Drgs. 1 sheet.

CLASS : 187-G, 206-H₂.

156015

Int. Cl. : H 03 k 3/00; 7/00.

SWITCHING AMPLIFIER.

Applicant : BBC BROWN, BOVERI & COMPANY LIMITED, OF BADEN, SWITZERLAND.

Inventor : ANDREAS FURRER.

Application No. 534/Cal/82 filed May 13, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A switching amplifier for analog LF signals, comprising :

an A/D converter which converts the analog LF signal into at least two binary pulse sequences;

transformer means including at least one primary winding adapted to be coupled to an AC voltage source and plural secondary windings for coupling an AC voltage to each secondary winding;

at least two amplifier stages, each including a respective of said secondary windings, a rectifier circuit coupled to a respective of said secondary windings, a switching element having an input coupled to a respective rectifier circuit and an output and a diode connected across the output of a respective switching element and a respective rectifier circuit;

wherein each diode of each amplifier stage is connected in series to form a diode cascade;

Control means coupled to said A/D converter and said switching elements for controlling said switching elements to conduct current from the AC voltage source via the respective rectifier to the respective diode of the diode cascade based on respective of said binary pulse sequences; and

a low pass filter coupled to said diode cascade for filtering the currents passed by said switching elements.

Compl. specn. 12 pages.

Drgs. 1 sheet.

CLASS : 95-D.

156016

Int. Cl. B25 c 1/06.

ELECTRICALLY OPERATED MANUAL DEVICE ESPECIALLY NAIL DRIVER.

Applicant : J. WAGNER GmbH OF EISENBAHNSTRASSE 18-26, D-7990 FRIDRICHSHAFEN, WEST GERMAN COMPANY.

Inventors : 1. EWALD KILLER, 2. HEINRICH GRIEBEL.

Application No. 605/Cal/82 filed May 25, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims

Electrically operated manual device, especially nail driver with axially movable stamp body, actuated by an electric motor,

Characterized in that

the electric motor is formed as an actually known vibrating armature AC motor (12) with vibrating armature (15) arranged one-sided movably, acting in dependence from the net frequency in high stamping frequency on a stamp body (32) of low mass, and that the stamp body (32), following the frequency of the armature (15), is located in a stationary

cylinder (31) placed in a housing (11) of the device (1) to which an adapter sleeve (41; 51; 71) is connected detachable, receiving a plunger (43; 53; 73) movable through the stamp body (32) against the sleeve and acting on a part (2) of tool (74) to be rammed in.

Compl. specn. 13 pages

Drgs. 3 sheets.

CLASS : 181.

156017

Int. Cl. : F 16 j 15/00.

REGENERATIVE HEAT EXCHANGE APPARATUS.

Applicant : THE AIR PREHEATER COMPANY, INC., OF ANDOVER ROAD, WELLSVILLE, NEW YORK, UNITED STATES OF AMERICA.

Inventor : 1. RODERICK JAY BAKER.

Application No. 734/Cal/82 filed June 23, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

Regenerative heat exchange apparatus including a rotor having a vertical rotor post, an upper trunnion integral with the rotor post extending upward therefrom, a lower trunnion extending down from the lower end of the rotor post, a rotor shell positioned concentrically around the rotor post adapted to provide an annular space for a mass of heat absorbent material, housing means surrounding the rotor including inlet and outlet openings for a heating fluid and for a fluid to be heated together with axially movable sector plates that direct the heating fluid and the fluid to be heated through the heat absorbent material of the rotor, a support bearing adapted to support the lower trunnion for rotation about its vertical axis, a guide bearing around the upper trunnion adapted to preclude the flow of fluid there between, said sealing means comprising an annular plate that concentrically surrounds the upper trunnion, an annular housing carried by said annular plate, said annular housing having an open side that confronts the trunnion to comprise an air seal that precludes fluid flow thereby, a source of pressurized sealing fluid, means for supplying the pressurized fluid to said air seal, spool means depending from said annular plate surrounding the trunnion and having a laterally extending rim that supports the radially inner end of an adjacent sector plate, and packing means carried by the rim of said spool means intermediate the sector plate and the spool means adapted to provide an independent sealing means that precludes the flow of heat and fluid from the rotor.

Compl. specn. 11 pages.

Drgs. 1 sheet.

CLASS : 116-C.

156018

Int. Cl. : B 65 g 17/00.

CHAIN CONVEYOR.

Applicant : DEUTSCHE BABCOCK AKTIENGESELLSCHAFT, DUISBURGER STRASSE 375, 4200 OBERHAUSEN 1, FEDERAL REPUBLIC OF GERMANY.

Inventors : 1. BERNHARD MICHELBRINK, 2. KARL BLECKMANN.

Application No. 765/Cal/82 filed June 29, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

Chain conveyor comprising two chains (6), connected together by scrapers (7), which circulate inside a casting consisting of base (2) and side walls (1) and are guided around rollers (8, 9, 10, 12), characterized in that, in the movement direction (15) of the chain (6), in front of and above the entry of the chain (6) into the roller (9) a shaped component (17), one face shaped in the manner of a disc to fit into the circumferential groove of the roller (9), is provided, which covers a portion of the roller circumference.

Compl. specn. 8 pages.

Drgs. 4 sheets.

CLASS : 102-D.

156019

Int. Cl. : F 15 b 21/00; F 15 c 3/00.

HYDRAULIC POWER TRANSMISSION OR CONTROL SYSTEM.

Applicant : SPERRY CORPORATION, OF 1401 CROOKS ROAD, TROY, MICHIGAN 48084, UNITED STATES OF AMERICA.

Inventors : 1. VINOD KUMAR NANDA, 2. HENRY DELANQ TAYLOR.

Application No. 877/Cal/82 filed July 28, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A hydraulic power transmission or control system for use with a hydraulic actuator having a movable actuator element and an actuator opening adapted to function alternately as an outlet and an inlet for moving the actuator element, a pilot controller for controlling a supply of fluid at pilot pressure, a pump for supplying fluid at pump pressure to the actuator, said system comprising

a line adapted for connection with the actuator opening,

a normally open valve associated with said line for controlling fluid flow from the actuator, said valve being pilot operated by pilot pressure from said pilot controller,

a meter-in valve positioned in said line for controlling fluid flow from said pump to the actuator, said meter-in valve being operable by pilot pressure from said pilot controller.

Compl. specn. 15 pages.

Drgs. 5 sheets.

CLASS : 24-D.

156020

Int. Cl. F 15 c 3/02.

CIRCUIT BREAKERS.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventors : 1. WILLIAM BURNICE FREEMAN, 2. RICHARD MICHAEL SPAN.

Application No. 1142/Cal/82 filed October 1, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A circuit breaker comprising a pair of cooperable separable contacts, at least one of which is movable, a pneumatic operating mechanism having a driving piston within an operating cylinder and an opening valve assembly controlling the admission of high pressure air to said operating cylinder for effecting movement of said one movable contact, linkage means interconnecting said driving piston to said one movable contact, said opening valve assembly including a trip valve piston within a trip valve piston bore, a trip valve, a trip valve shaft connecting said trip valve piston to said trip valve, and means for rapidly eliminating pressurized air from said trip valve piston bore at a predetermined time said means for rapidly eliminating pressurized air from said trip valve piston bore including an exhaust port disposed between said trip valve piston bore and the outside atmosphere and a trip valve stem extension disposed on said trip valve shaft, said trip valve stem extension being disposed within and having a sliding fit with said exhaust port, said trip valve stem extension and said exhaust port having predetermined diameters and said trip valve stem extension having a predetermined length to provide for control of the opening duration of said trip valve.

Compl. specn. 14 pages.

Drgs. 6 sheets.

CLASS : 116-C.

156021

Int. Cl. : B 65 g 33/00.

APPARATUS FOR SPREADING GRANULAR MATERIAL.

Applicant : AB SCANIINVENTOR, OF MARTENSGATAN 17, S-253 70 HELSINGBORG, SWEDEN.

Inventors : 1. OLLE IENNART SIWERSSON, 2. ARNE EVERT WALL, 3. KENT KRISTENSSON.

Application No. 1176/Cal/82 filed October 12, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

An apparatus for spreading granular material, such as fertilizer, said apparatus comprising a carriage which is adapted to be driven or drawn across a field and on which there is mounted a vertical conveyor (5, 6) comprising a vertical cylindrical housing (5) and a conveyor screw (6) disposed therein, said vertical conveyor being adapted to convey material from a lower material space (3) to an upper material spreader (12) via a distributor (21), said cylindrical housing (5) being non-rotatably mounted on the carriage, and the conveyor screw (6) being rigidly connected at its upper end to the spreader (12), wherein the screw is rigidly connected at its lower end to a rotary cup-shaped member (8) of a material feed device (8, 9) to the vertical conveyor (5, 6), such that the rotary part (8) of the feed device (8, 9), the screw (6) and the spreader (12) are rotated together, and wherein the distributor (21) is adapted to control the flow of granular material from the vertical conveyor (5, 6) to the rotary spreader (12) in such a way that the granular material will be approximately uniformly distributed within the contemplated spreading area after the carriage (1).

Compl. specn. 14 pages

Drgs. 4 sheets.

CLASS : 32-F₁, 2 b & 55-E₄.

156022

Int. Cl. A 61 k 27/00; C 07 d 35/24, 35/42.

A PROCESS FOR PREPARING ISOQUINOLINE DERIVATIVES AND SALTS THEREOF.

Applicant : CHINION GYOGYSZER ES VEGYESZETI TERMEKEK GYARA R.T., OF 1-5, TO UTCA, 1045 BUDAPEST, HUNGARY.

Inventors : 1. KALMAN TAKACS, 2. MURIA H. PAP, 3. GABOR KOVACS, 4. ILONA K. AJZERT, 5. ANTAL SIMAY, 6. PETFR LITERATI NAGY, 7. MARIAN E. PUSKAS, 8. GYULA SEBESTYEN, 9. ISTVAN STADLER, 10. ZOLTAN SUMEGHY.

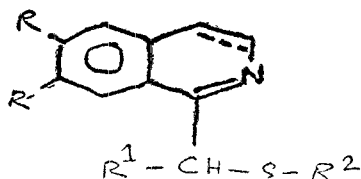
Application No. 154/Cal/83 filed February 10, 1983.

Division of Application No. 753/Cal/80 dated 30th June, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A process for the preparation of isoquinoline derivatives of the general formula (1) of the accompanying drawing wherein



R independently represents hydrogen, hydroxyl or alkoxy having 1 to 4 carbon atoms,

R¹ is hydrogen, alkyl having 1 to 4 carbon atoms and optionally substituted with phenyl, phenyl optionally substituted with one or more halogen, or alkoxy group, cyano or carbamoyl

R² is a straight or branched chained alkylene group having 1 to 6 carbon atoms or

phenyl optionally substituted with one or more halogen alkoxy or carboxyl, or a group of the general formula A,

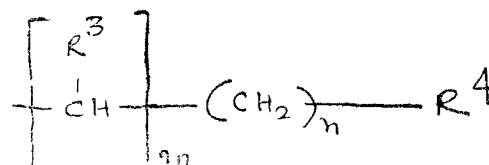


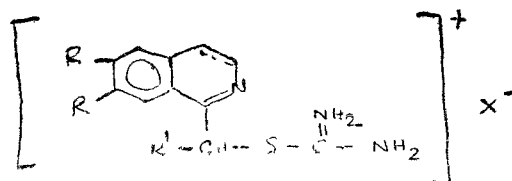
Figure No. 3

wherein

R³ is hydrogen, a straight or branched chained alkyl having 1 to 4 carbon atoms or phenyl,

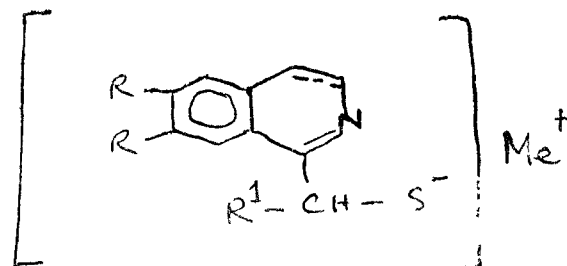
m and n independently represent 0, 1 or 2, with the proviso that m + n is at least 1,

R is hydrogen, phenyl, hydroxyl, acyloxy, carboxyl, akkoxy-carbonyl having 1 to 6 carbon atoms, carbamoyl, carbazoyl or dialkylamino containing 1 to 6 carbon atoms in the alkyl moieties, and the dotted line stands for a further carbon-carbon bond or hydrogen atoms in the 3- and 4-positions of the ring, and the salts thereof which comprises hydrolysing in a known manner isothiuronium salts of the general formula II

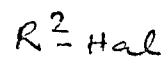


in which R is hydrogen or alkyl having 1 to 4 carbon atoms,

R₁ and the dotted line are as defined above and X- represents one equivalent of an organic or inorganic anion, in an alkaline medium, and subsequently reacting the thio-lates of the general formula III



wherein R, R₁, and the dotted line are as defined herein-above and Me+ represents one equivalent of a known organic or inorganic cation, with halides of the general formula IV



wherein R² has the same meaning as defined above and Hal stands for a halogen atom, the salts being prepared in a known manner.

Compl. specn. 27 pages.

Drgs. 1 sheet.

CLASS : 97 D.

156023

Int. Cl. : F 24 C 7/00, 15/00.

AN IMPROVED ELECTRIC COOKING APPLIANCE.

Applicants : PRESSURE COOKERS & APPLIANCES LTD., UNITED INDIA BUILDING, PHEROZSHAH METHA ROAD, BOMBAY-400 001, INDIA.

Inventor : 1. NARANAMMALPURAM SANKARAN SUBRAMANIAN.

Application No. 314/Bombay/1981 filed Nov. 12, 1981.

Appropriate Office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

19 Claims

An improved electric cooking appliance comprising an upper casing half and a lower casing half, the two casing halves being openably hinged together by a pair of hinge means, each said hinge means having a first part secured to the lower casing half and a second part secured to the upper casing half, said second part of the said hinge means adapted to be raised or lowered in its position while held to said first part, a bright metal plate housed each within the said first and second casing halves each said bright metal plates having a heating element and is capable of supporting a grilling plate, a waffle plate or a sandwich plate, said first and said second parts of the hinge means having supporting means for holding said grilling plate, waffle plate or sandwich plate by engagement with ledges formed on the rear side of said grilling plate, waffle plate or sandwich plate and a spring catch provided the front sides of the said casing halves for holding them together securely in position.

Compl. specn. 20 pages.

Drgs. 7 sheets.

CLASS : 6 A1.

156024

Int. Cl. : F04c 1/00.

"A ROTARY AIR COMPRESSOR".

Applicant : THE BENDIX CORPORATION, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE AND HAVING AN OFFICE AT BENDIX CENTER, SOUTHFIELD, MICHIGAN 48037, UNITED STATES OF AMERICA.

Inventor : RALPH GILBERT ESLINGER.

Application for Patent No. 62/Del/81 filed on 2nd February, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

7 Claims

A rotary air compressor comprising a housing defining a cavity therewithin having a peripheral wall, an inlet port and an outlet port in said peripheral wall and a rotor rotatable in said cavity, said rotor having a pair of opposed apexes which wipe said peripheral wall and said inlet and outlet ports said rotor dividing said cavity into a pair of chambers, one of said chambers in communication with said inlet port and the other chamber in communication with said outlet port, said ports being located in said peripheral wall such that a tip of each of said apexes wipes across one of said ports when the other apex wipes across the other of said ports said rotor being adapted to permit communication between at least one of said inlet and outlet ports and both of said chambers at a predetermined angular position of said rotor in which said apexes wipe across said ports, on inlet port check valve permitting communication into said cavity through said inlet port but preventing communication in the reverse direction, and an outlet port check valve permitting communication from

said cavity through said outlet port but preventing communication in the reverse direction, said check valves being adapted to be held closed under the effect of the pressure differentials across said check valves then the apexes of the rotor wipe across said ports.

Compl. specn. 11 pages.

Drgs. 2 sheets)

CLASS : 85I, 28F.

156025

Int. Cl. : F23d 5/06.

"IMPROVED LIQUID FUEL FIRED INDUSTRIAL BURNERS".

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES (ACT XXI OF 1860).

Inventors : UMESH KUMAR JAISWAL, KIRPAL SINGH KAMBO, PREM NATH BHAMBI AND VALLENTIN LEONIDONICH GULZJUK.

Application for Patent No. 176/Del/81 filed on 30th March, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

4 Claims

An improved liquid fuel fired industrial burner comprising a liquid fuel chamber with primary air and fuel inlets super imposed with a combustion chamber and separated therefrom by a sieve through which the fuel as a result of bubbling action of the primary air enters the said combustion chamber having a combustion space there above and is atomised a secondary air chamber with means for admission of the secondary air into the said combustion chamber, the secondary air chamber having at its top, a burner block and lighting hole in the said combustion chamber to start the combustion of the fuel therein.

Compl. specn. 9 pages.

Drgs. 8 sheets.

CLASS : 70C4.

156026

Int. Cl. : C23b 5/18.

"AN IMPROVED PROCESS FOR THE ELECTROLYTIC DEPOSITION OF COPPER TIN ALLOYS FROM CYANIDE BATHS ON METAL SUBSTRATES".

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : BALKUNJE ANANTHA SHENOI, MALATHY PUSHPAVANAM AND VIDYALAKSHMI RAMAN.

Application for Patent No. 184/Del/81 filed on 31st March, 1981.

Complete specification left on 30th June, 1982.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

3 Claims

An improved process for the electrolytic deposition of copper-tin alloy coatings on metal substrates in an electrolytic bath, consisting of a copper cyanide, sodium stannate sodium cyanide and sodium hydroxide characterised in that the bath contains an admixture of addition agents like diethylene triamine, para toluene sulfonamide, sodium molybdate and turkey red oil to obtain smooth, semi bright bronze and specular coatings and the electrolysis carried out at a current density of 2-3A/dm², pH of 10-12.5 and at temperature of 60-65°C.

Provisional Specification 4 Pages.

Complete Specification 6 pages.

CLASS : 114A, 32E.

Int. Cl. : C14c 3/00.

"A PROCESS FOR THE PREPARATION OF A NON-TACKY AQUEOUS DISPERSION OF A POLYMER".

Applicant : ROHM GMBH, A BODY CORPORATE OF THE FEDERAL REPUBLIC OF GERMANY OF KIRSCHENALLEE, 6100 DARMSTADT 1, FEDERAL REPUBLIC OF GERMANY

Inventors : ROLF MONSHEIMER, ERNST PFLEIDERER, WERNER SIOL, HANNS BOSSLER, AND HANS TRAITSCH.

Application for Patent No. 215/Del/81 filed on 10th April, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

19 Claims

A process for the preparation of a non-tacky aqueous dispersion of a polymer suitable for the treatment of pelts and leather, which comprises copolymerising an ester of acrylic and/or methacrylic acid containing nitrogen groups, an ester of acrylic and/or methacrylic acid not containing nitrogen groups and acrylic and/or methacrylic acid in the presence of water and a free-radical polymerisation initiator and, optionally an emulsifier, said polymer containing from 5 up to 25% weight of esters of acrylic and/or methacrylic acid containing nitrogen groups, from 67 to 92% by weight of esters of acrylic and/or methacrylic acid not containing nitrogen groups and from 1 to less than 5% by weight of acrylic and/or methacrylic acid, based on the total polymer.

Complete specification 17 pages.

CLASS : 175 H & 107 G.

156028

Int. Cl. : F16j 9/00 B23p 15/06.

"PISTON RINGS AND METHOD AND APPARATUS FOR THEIR MANUFACTURE".

Applicant : ASSOCIATED ENGINEERING ITALY S.p.A. AN ITALIAN COMPANY, OF STRADA VALDELLATORRE, 10091 ALPIGNANO, TURIN, ITALY.

Inventor : LODOVICO RAGGI.

Application for Patent No. 253/Del/81 filed on 22nd April, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972 Patent Office Branch New Delhi-110 005.

10 Claims

A method of manufacture of a piston ring, including the steps of making a ring blank of which the diameter over the outer periphery is greater, and the diameter within the inner periphery is less than that required in the finished ring, cutting a gap in the ring blank to afford two free ends, holding the ring blank in a closed position by the application of a force only to each of the free ends of the ring blank, clamping one or more of said ring blanks between a stationary clamping member and an annular clamping part forming part of a machining head by moving the machining head towards the ring blank or blanks, and then machining simultaneously the interior and exterior peripheries of the clamped ring blank or blanks to be circular, by rotation of respective boring and turning tools carried on respective inner and other parts of the machining head which are coaxial with the annular clamping part and are movable axially relative to said annular clamping part.

Compl. specn. 22 pages.

Drgs. 7 sheets.

CLASS : 140 A.

156029

Int. Cl. : C10m 5/00.

"DEFOAMER MIXTURE".

Applicant : CHEMISCHE FABRIK STOCKHAUSEN GmbH, A GERMAN COMPANY OF BAKERPFAD 25, D-4150 KREFELD, WEST GERMANY.

Inventor : REINMAL PEPPMOLLER.

Application for Patent No. 259/Del/81 filed on 27th April, 1981

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

10 Claims

A defoamer mixture comprising :

- at least one alkali salt of at least one sulfosuccinic acid dialkylester of the kind such as herein described and
- at least one higher aliphatic alcohol of the kind such as, herein described the weight ratio of component (a) to component (b) being $\frac{1}{4}$ to 40/1, preferably $\frac{1}{3}$ to 30/1.

Complete specification 16 pages.

CLASS : 9A.

156030

Int. Cl. : C22c 21/04.

"A METHOD FOR THE MODIFICATION OF ALUMINIUM-SILICON EUTETIC ALLOYS (SILUMINS) DURING CASTING".

Applicant : THE CHIEF CONTROLLER, RESEARCH & DEVELOPMENT, MINISTRY OF DEFENCE, (GOVT. OF INDIA), NEW DELHI, INDIA, AN INDIAN NATIONAL.

Inventor : GADDE RADHA KRISHNA MURTHY.

Application for Patent No. 269/Del/81 filed on 1st May, 1981

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

7 Claims

A process for modifying an aluminium silicon eutectic alloy by casting comprising melting the alloy, injecting the molten alloy at a predetermined temperature, and applying a predetermined pressure by a ram on the alloy in the die, the pressure on the ram being maintained to permit the crystallization of the alloy to occur till the component formed in the die is ready for ejection

Compl. specn. 6 pages.

Drgs. 1 sheet.

CLASS : 56B, 39 O.

156031

Int. Cl. : C10g 11/00.

"A PROCESS FOR THE PRODUCTION OF OLEFINS".

Applicant : IMPERIAL CHEMICAL INDUSTRIES PLC. FORMERLY KNOWN AS IMPERIAL CHEMICAL INDUSTRIES LIMITED OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON SW1P 3JF, ENGLAND, A BRITISH COMPANY.

Inventors : GLYN DAVID SHORT, MICHAEL STAINES SPENCER AND THOMAS VINCENT WHITTAM.

Application for Patent No. 270/Del/81 filed on 1st May, 1981.

Convention date 13th May, 1980/8015888 (G.B.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972 Patent Office Branch New Delhi-110 005.

8 Claims

A process for making an olefin containing 6 or fewer carbon atoms in the molecule by reacting over a catalyst comprising zeolite Nu-3 such as herein described a feedstock comprising

a hydrocarbon containing 2 or more carbon atoms in the molecule and/or a hydrocarbon derivative containing hydrogen-carbon links and recovering the olefin from the products of the reaction.

Complete Specification 19 pages.

CLASS : 32F_a(c)

156032

Int. Cl. : C07c 31/00.

"A PROCESS FOR THE PRODUCTION OF METHANOL".

Applicant : IMPERIAL CHEMICAL INDUSTRIES PLC, FORMERLY KNOWN AS IMPERIAL CHEMICAL INDUSTRIES LIMITED OF IMPERIAL CHEMICAL HOUSE MILLBANK, LONDON, SW1P, 3JF, ENGLAND, A BRITISH COMPANY.

Inventor : ALWYN PINTO.

Application for Patent No. 278/Del/81 filed on 5th May, 1981.

Convention date 20th May, 1980/8016619 (U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972 Patent Office Branch New Delhi-110 005.

9 Claims

A process for the production of methanol comprising the steps :

- generating methanol synthesis gas by reaction of a carbonaceous feedstock of the kind such as herein described with a gasifying agent selected from steam, carbon dioxide and oxygen;
- reacting the synthesis gas over a methanol synthesis catalyst of the kind such as herein described and recovering a crude methanol liquid product from the reacted gas;
- distilling the crude liquid product and separating in a manner such as herein described therefrom a purified methanol stream and a fusel oil stream containing organic compounds of higher boiling point than methanol;

and characterised by contacting the fusel oil stream in liquid form with a gaseous stream to be subjected to chemical reaction within step (a), whereby to convert organic compounds contained in the fusel oil stream to methanol synthesis gas.

Compl. specn. 16 pages.

Drgs. 1 sheet.

CLASS : 95 F.

156033

Int. Cl. : B23d 55/02.

"IMPROVEMENTS IN OR RELATING TO A BLADE HOLDER".

Applicant : PLAS PLUGS LIMITED, OF SHERIDAN HOUSE, VERNON STREET, DERBY, DE1, 1FR, ENGLAND, A BRITISH COMPANY.

Inventors : PAUL STEABEN HEPWORTH & MARTIN GEOFFREY WHITEHOUSE.

Application for Patent No. 294/Del/81 filed on 11th May, 1981.

Convention date 27th May, 1980/8017329/(U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972 Patent Office Branch New Delhi-110 005.

5 Claims

An improved blade holder for use with a strip blade arranged to span a C-shaped portion of the holder and having an opposed pair of mounting projections provided at each of its two end portions, wherein the C-shaped portion comprises two arm members, a first arm member being provided with a T-slot to receive the opposed projections of a first end portion of the blade and a second arm member being provided

with a pivot mounting on which is mounted one end of a pivotal lever, said lever being provided with a T-slot inwardly spaced from its mounting and into which are inserted the opposed projections of a second end portion of the blade when the lever is in a first, loading position so that movement of the lever from its first position into a second, operating position, causes the distance between the T-slot of the first arm member and the T-slot of the lever to increase, thereby enabling tension to be imparted to the blade.

Compl. specn. 7 pages

Drgs. 4 sheets.

CLASS : 150 C

156034

Int. Cl. : F 161 27/00.

PIPE COUPLINGS.

Applicant : MICHAEL JOHN POOK OF C-4 COMMERCIAL AREA, SAFDARIJUNG DEVELOPMENT AREA, NEW DELHI-110016, INDIA, A "BRITISH NATIONAL."

Inventor : MICHAEL JOHN POOK.

Application for Patent No. 300/Del/81 filed on 15th May, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

10 Claims

A pipe coupling comprising a female body part, a male body part adapted to be received within the female body part, pipes or tubes secured to remote ends of the two body parts; the female body part having an enlarged portion forming part of a hollow sphere at its free end, a ring at its free end, a ring having an inner spherical surface around and engaging the outer surface of the said enlarged portion of the female body part, at least two hooks pivotally mounted on the said ring or male part and adapted to engage a clamping ring on the male part or the said ring respectively, and a spring biasing each hook to its engaged position.

Compl. specn. 8 pages.

Drg. 1 sheet.

CLASS : 76 B

156035

Int. Cl. : F 16 b 2/06, F 161 19/06.

A CLAMP.

Applicant : EUGENI CAMELLO MOLAS, OF CASA 18, LA GARRIGA, BARCELONA, SPAIN, A SPANISH CITIZEN.

Inventor : EUGENI CAMELLO MOLAS.

Application for Patent No. 208/Del/82 filed on 15th March, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

11 Claims

A clamp comprising a split ring having two projections extending outwardly and convergently from adjacent respective ends of the ring, and a member adapted to be received on said projections and engage with securing means on each projection, movement of the member on the projections towards the ring causing opposing surface of the projections to be brought towards each other, thereby reducing the width of the split and tightening the clamp.

Compl. specn. 7 pages.

Drg. 1 sheet.

CLASS : 107 F

156036

Int. Cl. : F 02 p 3/00.

ELECTRONIC IGNITION SPARK CONTROL SYSTEM FOR INTERNAL COMBUSTION ENGINES.

Applicants & True & First Inventors : SHAHAJI ANANT PALKAR, RIGHI FLANK LINES, BUNGLOW NO. 3, POONA-411 040, MAHARASHTRA, INDIA AND AKVIND NARAYAN DIXIT, 16, WANDWARIE, POONA-411 040, MAHARASHTRA, INDIA.

Application No. 53/Bom/1982 filed March 4, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

6 Claims

An electronic ignition spark control system for internal combustion engines, comprising a converter section and an ignition spark control section, the output of said ignition spark control section being connected to the primary of the ignition coil through surge protection network means, the input end of the said converter section is connected to the AC Magnet of the engine and the output end of the said converter being connected to the input end of the said ignition spark control section.

Compl. specn. 7 pages.

Drg. 1 sheet.

CLASS : 66D7 + D11

156037

Int. Cl. : B 25g 1/04, 3/10.

A BULB FITTING TOOL.

Applicant : VIMALCHAND BASTIMAL JAIN, C/O VIJAY & COMPANY, 333, BUSSA UDYOG BHAVAN TOLKRSI JIVRAJ ROAD, SEWREE, BOMBAY-400 015, MAHARASHTRA, INDIA.

Application No. 330/Bom/1983 filed October 24, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

6 Claims

A bulb fitting tool for replacement of fused bulb from light post consisting of a long pole fitted with a bulb holding means at its top, is characterised by that the tool comprises a number of smaller segments of tubular cross sections telescopically arranged one over the other forming a compact unit and further being extensible thereby forming the pole and wherein the said bulb holding means is a cup shaped container, made up of rubber material and adapted to hold the glass bulb through vacuum action by pressing against the glass surface of the bulb expelling the air between air which is firmly attached to the top of the tip tubular segment.

Compl. specn. 6 pages.

Drg. 1 sheet.

CLASS : 32-F₁; 40-F; 152-E

156038

Int. Cl. : B 01 j 1/00; C 08 f 3/30, 29/18.

PROCESS FOR CHLORINATION OF POLY (VINYL CHLORIDE) WITH LIQUID CHLORINE.

Applicant : THE B.F. GOODRICH COMPANY, 277 PARK AVENUE, NEW YORK, NEW YORK 10017, UNITED STATES OF AMERICA.

Inventor : RICHARD GHRIST PARKER.

Application No. 865/Cal/81 filed July 31, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A process for chlorinating a mass of freely flowable solid, discrete, poly (vinyl chloride) macrogranules, comprising, contacting said mass with from 0.1 part to 3 parts by weight of liquid chlorine per part by weight of said mass, at a

temperature in the range of from -50°C to 50°C; absorbing said liquid chlorine in said poly (vinyl chloride) macrogranules to produce liquid chlorine-containing macrogranules; agitating said liquid chlorine-containing macrogranules with an agitator to maintain a reaction zone in which said mass is a free flowing mass; as described herein irradiating said free-flowing mass of liquid chlorine-containing macrogranules with atomic radiation for a period of time sufficient for a reaction of said liquid chlorine in a solid medium, which reaction chemically bonds at least 59% by weight of chlorine with said poly (vinyl chloride) to produce chlorinated poly (vinyl chloride), removing hydrogen chloride from said reaction zone, and, recovering the mass of macrogranules of said chlorinated poly (vinyl chloride) as herein described.

Compl. specn. 24 pages.

Drg. 3 sheets.

CLASS : 119-B; 152-E

156039

Int. Cl. : C 08 b 25/00, D 06 m 15/00.

IMPROVED SIZED WARP AND METHOD OF MAKING THE SAME.

Applicant : MERCK & CO., INC., OF 126 EAST LINCOLN AVENUE, RAHWAY, NEW JERSEY, UNITED STATES OF AMERICA.

Inventor : JOSEPH STEVEN RACCIATO.

Application No. 903/Cal/81 filed August 12, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A process for manufacturing an improved sized warp which comprises coating a thread in a known manner with an aqueous solution containing 2% to 15% of a heteropolysaccharide such as hercinore described and optionally second sizing agent such as starch, polyvinyl alcohol, CMC and or a plasticizer.

Compl. specn. 14 pages.

Drg. Nil.

CLASS : 56-D

156040

Int. Cl. : B 01 d 1/00.

AN APPARATUS FOR THE CONCENTRATION OF AQUEOUS SOLUTIONS OF GLYCOLS.

Applicant : SNAMPROGETTI S.p.A., OF CORSO VENEZIA 16, MILAN, ITALY.

Inventor : 1. VINCENZO LAGAMA, 2. VIRGINIO CAVALLANTI.

Application No. 972/Cal/81 filed August 29, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

An apparatus for concentrating aqueous solution of glycols, wherein the process of multiple effect distillation is utilized by means of vertical film exchangers arranged in the successive stages of one or more vertical columns, characterized in that each said vertical column comprises (a) a plurality of first chambers and a plurality of second chambers, which first and second chambers are disposed one above the other in the column, the first chambers being connected together by tube bundles each of which bundles extends vertically, through a respective one of said second chambers, from one of said first chambers to the next, whereby in use the solution can undergo evaporation whilst flowing down said first chambers and said tube bundles; (b) means connecting each of said first chambers (apart possibly from the uppermost one thereof) to the respective second chamber beneath it whereby in use vapour produced in said first chamber can flow into said second chamber for condensation therein; and (c) means connecting each of said second chambers (apart from the lowermost one thereof) to the next lower second chamber whereby in use condensate produced in said second chamber can flow into said next lower second chamber.

Compl. specn. 12 pages.

Drg. 2 sheets.

CLASS : 32-F₂ c; 55-D₂

156041

Int. Cl. : C 07 c; 101/00; A 01 n 9/00.

METHOD OF PREPARING NOVEL TRI-MIXED ALKYL-SULFONIUM SALTS OF N-PHOSPHONOMETHYLGLYCINE.

Applicant : STAUFFER CHEMICAL COMPANY, OF WESTPORT, CONNECTICUT, U.S.A.

Inventor : GEORGE BLACKMORE LARGE.

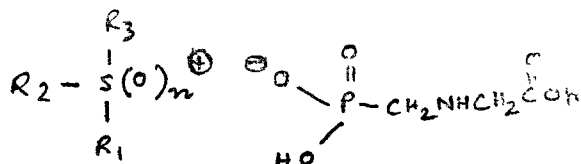
Application No. 1462/Cal/81 filed December 28, 1981.

Addition to No. 1214/Cal/81 dated 31st October, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A method of preparing novel tri-mixed alkylsulfonium salts of N-phosphonomethylglycine having the formula shown the accompanying drawing,



wherein R₁, R₂ and R₃ represent C₁-C₆ alkyl, and n is zero or one, wherein no more than two of R₁, R₂ or R₃ are identical, comprising reacting, in any known manner, N-phosphonomethylglycine with a trialkylsulfonium halide, in the presence of propylene oxide.

Compl. specn. 17 pages.

Drg. 1 sheet.

CLASS : 129-G, 151 D & E

156042

Int. Cl. B 21 c 3708, 37/30.

CONTINUOUS PRODUCTION OF POLISHED GALVANIZED TUBING.

Applicant : ALLIED TUBE & CONDUIT CORPORATION, OF 16100 SOUTH LATHROP AVENUE, HARVEY, ILLINOIS 60426, UNITED STATES OF AMERICA.

Inventors : 1. HUMBERTO AUGUSTO HIJUELOS, 2. GIULIO SCARTOZZI, 3. LAWRENCE PAUL VOLLMUTH, 3. RAFFAELE BASILE.

Application No. 110/Cal/82 filed January 28, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

Apparatus for continuously forming tubing from metal strip and providing a decorative finish thereto as it travels along a straight-line path comprising, in sequence, means for forming a metal strip, forming rolls a seam weld, means for treating said seam weld, means for applying molten metal onto the surface of the formed tubing, means to cool said tubing to solidify said molten metal, characterized in that said apparatus further comprised, in sequence, a plurality of polishing brushes mounted adjacent the path of travel of said tubing at a location where said molten metal has solidified, means for rotating said polishing brushes in contact with the solidified metal surface of said travelling tubing for polishing the same, rotating buffing pads in alignment with the path of travel of said polished tubing to provide a lustrous finish, and coating means adjacent the path of travel of said buffed tubing for applying a layer of polymer to said lustrous surface to prevent oxidation thereof.

Compl. specn. 13 pages.

Drg. 1 sheet.

CLASS : 63-I

156043

Int. Cl. : H 02 p 9/00.

ELECTRICAL GENERATING APPARATUS.

Applicant : SIEMENS AKTIENGESellschaft, OF D-8000 MÜNCHEN 2, WITTELSBACHERPLATZ 2, WEST GERMANY.

Inventors : 1. GERHARD PLOHN, 2. MANFRED SCHUH.

Application No. 151/Cal/82 filed February 8, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims

Electrical generating apparatus comprising :

an electrical generator; a turbine for driving the generator, which turbine is supplied with a working fluid via a control valve; and a control circuit for monitoring the electrical power output of the generator and the power supplied to the turbine, the control circuit being arranged for comparing the power supplied to the turbine with the electrical power output of the generator and, if said power supplied exceeds the electrical power output by a prescribed value, causing the control valve to reduce the power supplied to the turbine, including an output regulator for controlling the control valve, with an output of the control circuit connected to an input of the output regulator, whereby in use, the control circuit can actuate the output regulator, wherein the output regulator is connected to an actuating unit for the control valve.

Compl. specn. 17 pages.

Drg. 2 sheets

CLASS : 206-E

156044

Int. Cl. : H 03 k 4/84.

APPARATUS FOR PROTECTING A THYRISTOR SWITCH ELEMENT IN AN ELECTRICAL PULSE GENERATOR SYSTEM.

Applicant : F. L. SMIDT & CO. A/S, OF 77 VIGERSLEV ALLE, DK-2500 VALBY, COPENHAGEN, DENMARK.

Inventors : 1. HENRIK HENRIKSEN, 2. TORBEN GLAR NIELSEN, 3. CLAUS EBBE TAARNING.

Application No. 580/Cal/82 filed May 21, 1982.

Convention dated 21st May 1981 (81 15606) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

Apparatus for protecting a thyristor switch element, in an electrical pulse generator system for supplying a capacitive load, from damage caused by spark-over across the load, the apparatus comprising a pulse registration circuit (4); a sensor (6; 10) for detecting when a spark-over occurs across the load; and a firing circuit (9) for triggering the thyristors in the switch element to conduction when a spark-over occurs during a period of pulse decay.

Compl. specn. 10 pages.

Drg. 4 sheets.

CLASS : 55-F; 60-X₂ b

156045

Int. Cl. : G 01 n 31/22, 33/16.

A METHOD OF PREPARING A REAGENT FOR DETERMINING SERUM GLUCOSE LEVELS IN A BLOOD SAMPLE.

Applicant & Inventor : JOHN RICHARD BAKER, OF 25 DELL AVENUE, REMUERA, AUCKLAND, NEW ZEALAND.

Application No. 1476/Cal/82 filed December 21, 1982.

Convention date 23rd December 1981 New Zealand (199380).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A method of preparing a reagent for determining serum glucose levels in a blood sample, said method comprising the steps of selecting a colouring agent adding said colouring agent to a buffer such that the pH of the resultant reagent is between 10 and 11, said colouring agent being one which changes colour over a period of time after addition of said reagent to the blood sample according to the glucose content of the blood sample while that glucose is still reacted or associated with amine groups or protein in that sample and when the glucose has undergone a molecular rearrangement and is in the form of fructosamine and the pH of the blood sample is at a suitable value between 10 and 11.

Compl. specn. 25 pages.

Drg. 3 sheets.

OPPOSITION PROCEEDINGS

(1)

The opposition entered by Director General, Research, Designs & Standards Organisation to the grant of a patent on application No. 152522 made by Franz Plasser Bahnbaumaschinen Industriegesellschaft mbH, as notified in the Gazette of India, Part III, Section 2 dated the 18th August, 1984, has been dismissed and ordered that a patent to be sealed.

(2)

The opposition entered by Director General, Research, Designs & Standards Organisation to the grant of a patent on application No. 152567 made by Estel Hoesch Werke Aktengesellschaft as notified in the Gazette of India, Part-III, Section 2 dated the 18th August, 1984 has been dismissed and ordered that a patent to be sealed.

(3)

The opposition entered by Council of Scientific & Industrial Research to the grant of a patent on application No. 153085 made by J. M. Hanlet and E. R. J. Tarantino as notified in the Gazette of India, Part-III, Section 2 dated the 15th December, 1984 has been dismissed and ordered that a patent to be sealed.

(4)

An opposition has been entered by Khaitan Fans Private Limited, Calcutta to the grant of a patent on application No. 153997 made by Crompton Greaves Limited.

PRINTED SPECIFICATION PUBLISHED

(1)

A limited number of printed copies of the undernoted specifications are available for sale from the Office-In-Charge, Government of India, Central Book Depot, 2, Hastings Street, Calcutta, at two rupees per copy :—

(1)

137403 137405 137406 137407 137409 137412 137414 137417 137419 137424 137426 137428 137433 137438 137439 137441 137442.

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137674 137675 137677 137687 137688 137690 137692 137693 137694 137698 137700 137702 137705 137706 137710 137717

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137774 137775 137776 137778 137779 137781 137782 137783 137784 137786 137787 137788 137789 137794 137795 137796 137797 137800 137801 137802 137811 137812 137813 137814 137815 137816 137817 137819 137820.

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153104 153105 153182 153186 153206 153207 153208 153228
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PATENTS SEALED

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153102 153103 153614

AMENDMENT PROCEEDING UNDER SECTION 57

The amendment proposed by PIATT SAGO LOWELL LIMITED in respect of Patent application No. 150623 as advertised in Part III, Section 2 of the Gazette of India dated the 14th July, 1984 has been allowed.

ALTERATION OF PRINCIPAL PLACE OF BUSINESS IN THE REGISTER OF PATENT AGENTS UNDER RULE 103 OF PATENTS RULES 1972

The Principal place of business of Shri A. Gabriel has been altered to :—

“Lall Lahiri & Sainhotra,
N-128 Panchsheel Park,
New Delhi-110 017.”

RENEWAL FEES PAID

124974 125792 126107 126125 126208 126610 130727 131595
 135083 135139 135150 135160 135177 135186 135196 135197
 135231 135275 135328 136493 137340 137575 137673 138395
 138690 139058 139156 139343 139389 139478 140466 140596
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 152976 152990.

CESSATION OF PATENTS

139862 139917 141687 143444 149434 149844.

RESTORATION PROCEEDINGS

As per order of the Joint Controller dated the 15th October, 1984 under Section 78 of the Act the order for restoring the Patent No. 133921 notified in the Gazette of India, Part-III, Section 2 dated the 8th September, 1984 has been cancelled.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 1. No. 155146. Innomed, Inc, a Company Organised and existing under the laws of Connecticut, of Box 4307, 480 W. Puntum Ave., Greenwich CT 06830, U.S.A. "Comb-4". 7th December, 1984.

Class 1. No. 154793. Smt. Anu Chowdhury W/o Shri Debaprasad Chowdhury, Indian National, being Proprietrix trading as Trishna Sewing Machine Industries of 28/1, Ratan Sarkar Garden Street, Cal-700 070, West Bengal, India. "Industrial Sewing machine". 5th September, 1984.

Class 1. No. 154786. Rajasthan Stove Products, a registered partnership firm of Rodrigues Industrial Estate, C.S.T. Road, Kurla, Bombay-400 070, Maharashtra State, Manufacturers and Merchants. "Pressure Stove (more Particularly the Tank)". 3rd September, 1984.

Class 1. No. 154752. Bharat Industries, Sardar V.P. Road, Janta Garden Chowk, Rajkot-360 002, Gujarat State, an Indian Partnership Firm. "Knife". 31st August, 1984.

Class 1. No. 155199. Prakash Vithal Karandikar; of 1263/26 Sadashiv Peth, Pune 411 030, Maharashtra State, India; 11, Subhash Shanker Ambike, of 401 Shaniwar Peth, Pune 411 050, State of Maharashtra, India, both Indian Nationals. "Soldering Iron". 20th December, 1984.

Class 3. No. 155144. Innomed, Inc, a Company Organised and existing under the laws of Connecticut, of Box 4307, 480 W. Puntum Ave., Greenwich, CT 06830, U.S.A. "Comb-2". 7th December, 1984.

Class 3. No. 155145. Innomed, Inc, a Company Organised and existing under the laws of Connecticut, of Box 307, 480 W. Puntum Ave., Greenwich, CT 06830, U.S.A. "Comb-3". 7th December, 1984.

Class 3. No. 155147. Innomed, Inc, a Company Organised and existing under the laws of Connecticut, of Box 4307, 480 W. Puntum Ave., Greenwich, CT 06830, U.S.A. "Comb-5". 7th December, 1984.

Class 3. No. 155238. Vijay Rubber Industries, 51, Industrial Area, Ulhasnagar-421004, Dist. Thana, Maharashtra, India, an Indian sole proprietary firm whose proprietor is Vijay Doulatram Mangtani, an Indian National. "Steam Inhaler". 2nd January, 1985.

Class 3. No. 154779. Sony Kabushiki Kaisha, a Japanese Company, of 7-35, Kitashinagawa 6-Chome Shinagawa-Ku, Tokyo, Japan. "Magnetic Memory Disc for an Electromagnetic Camera". 1st September, 1984.

Class 3. No. 154834. Unique Mechanical Works, Shop No. 1, Shuklaji Street, Jivraibhai Lane, Bombay-400 008, an Indian firm registered under the Indian Partnership Act. "Handles for Pressure Cookers". 17th September, 1984.

Class 3. No. 154833 Unique Mechanical Works, Shop No. 1, Shuklaji Street, Jivraibhai Lane, Bombay-400 008, an Indian firm registered under the Indian Partnership Act. "Handles for Pressure Cookers". 17th September, 1984.

Class 3. No. 155393. Teeka Industries, a Registered Indian Partnership Firm, carrying on business at 84, Vijaykarwadi, S.A. Road, Malad (West), Bombay-400 064, Maharashtra. "Footwear". 14th February, 1985.

Class 3. No. 154870. The Parker Pen Company, a company organized and existing under the laws of the State of Delaware, United States of America. "A Writing Instrument". 21st September, 1984.

Class 3. No. 155097. Chandra Kishankumar Agarwal, Indian National proprietress of and trading as M/S. Agarwala Plastics, at Sant Bhawan, Sharma Estate, Goregaon, Bombay 400 063, Maharashtra, India. "a Flushing Cistern". 26th November, 1984.

Class 3. No. 155098. Chandra Kishankumar Agarwal, Indian National, proprietress of and trading as M/S. Agarwala Plastics, at Sant Bhawan, Sharma Estate, Goregaon, Bombay 400 063, Maharashtra, India. "a Flushing Cistern". 26th November, 1984.

Class 3. No. 155227. Eagle Flask Private Limited, a Company incorporated under the Indian Companies Act, at Eagle Estate, Talegaon 410 507, District-Pune, State of Maharashtra, India. 31st December, 1984.

Class 3. No. 155246. Universal Luggage Manufacturing Company Private Limited (an Indian Company) at Building B, Shah Industrial Estate, Saki Vihar Road, Bombay 400 072, Maharashtra State, India. "Suitcase". 4th January, 1985.

Class 3. No. 155228. Eagle Flask Private Limited (an existing Company under the Companies Act) at Eagle Estate, Talegaon 410 507, District-Pune, State of Maharashtra, India. "Flask". 31st December, 1984.

Class 3. No. 155229. Eagle Flask Private Limited (an existing Company under the Companies Act) at Eagle Estate, Talegaon 410 507, District-Pune, State of Maharashtra, India. "Flask". 31st December, 1984.

Class 4. No. 154707. Central Distillery and Breweries Ltd. 20, Netaji Subhash Marg, Darvaganj, New Delhi-110002, India. an Indian Company. "Bottle". 17th August, 1985.

Class 4. No. 154745. Pams Food Products, of 55, Gamdevi, Victoria Mills Compound, 1st floor, Bombay-400 007, Maharashtra State, India, an Indian firm, registered under the Indian Partnership Act, "Bottle". 29th August, 1984.

Class 12. No. 155042. 1. Sardar Kartar Singh. 2. Sardar Rajender Singh. and 3. Sardar Kuljeet Singh, citizens of India, Asoka Biscuit Works, 2-3-745/2, Ambernet, Hyderabad, Andhra Pradesh. "Biscuits". 13th November, 1984.

Class 12. No. 155043. 1. Sardar Kartar Singh. 2. Sardar Rajender Singh. and 3. Sardar Kuljeet Singh, citizens of India, Asoka Biscuit Works, 2-3-745/2, Ambernet Hyderabad, Andhra Pradesh. "Biscuits". 13th November, 1984.

Class 12. No. 155044. 1. Sardar Kartar Singh. 2. Sardar Rajender Singh. and 3. Sardar Kuljeet Singh, citizens of India, Asoka Biscuit Works, 2-3-745/2, Ambernet Hyderabad, Andhra Pradesh. "Biscuits". 13th November, 1984.

Extn. of Copyright for the Second period of five years.

Nos 149315, 149613, 151355, 151356,
151359 Class 1.

Nos. 154890, 154891, 154634, 155020,
154740, 154807, 154808, 149316,
149612, 149706, 149756, 149584,
151333, 151334 Class 3

Extn. of Copyright for the Third period of five years.

Nos. 142740, 142743 Class 1.

Nos. 154890, 154891, 154634, 155020,
154740, 154807, 154808, 142894,
142741, 142746, 142744, 151333,
151334 Class 3

Nos. 142742, 142747, 142745 Class 4

Name Index of Applicants for Patents for the month of October 1984 (Nos. 703/Cal/84 to 766/Cal/84, 276/Bom/84 to 303/Bom/84, 746/Mas/84 to 821/Mas/84 and 767/Del/84 to 847/Del/84)

Name	Appln. No.
A	
Aapranshuv Medico Electronics Private Limited.—290/Bom/84	
Ahmedabad Textile Industry's Research Association.—281/Bom/84, 298/Bom/84, 299/Bom/84.	
Ambitious Gold Nib Mfg. Co. Pvt. Ltd.—816/Del/84.	
American Gynamid Company.—752/Cal/84.	
American Can Company.—757/Cal/84.	
Apparel Form Company.—797/Mas/84.	
Armco Inc.—788/Del/84.	
Ashland Oil Inc.—827/Del/84.	
Asokan, P.S.—800/Mas/84.	
Asra Tech Aktiebolag.—808/Del/84.	
B	
BP Chemicals Limited.—845/Del/84.	
Babcock & Wilcox Company, The.—746/Cal/84, 754/Cal/84.	
Beloit Corporation 707/Cal/84, 714/Cal/84.	
Bendix Limited.—783/Del/84.	
Bhargav, D. N.—296/Bom/84.	
Bhole, A.G.—294/Bom/84.	
Biogal Gyogyszergyar.—776/Del/84.	
Brind Anstalt fur Industrie Patente.—781/Del/84.	
British Petroleum Company P.L.C., The.—779/Del/84.	
Buckeye International, Inc.—836/Del/84.	
Busse-Machukas, V. B.—722/Cal/84, 744/Cal/84.	
C	
Carrier Corporation.—708/Cal/84.	
Cement Research Institute of India.—838/Del/84, 839/Del/84.	
Chandrasahsan, U.—800/Mas/84.	
Chandrasekaran, K.—766/Mas/84.	
Chaturvedi, U.K.—815/Del/84.	
Chen, T. M. (Teng-Mo).—735/Cal/84.	
Ciba-Geigy AG.—825/Del/84.	
Compagnie Wallonne Des Produits Refractaires.—793/Mas/84.	
Continental Gummi-Works Aktiengesellschaft.—769/Mas/84.	
Council of Scientific and Industrial Research.—794/Del/84, 837/Del/84.	
D	
Dableh, Y.H. (Known as Joseph Hanna Debleh).—750/Mas/84.	
Dalal, R. P.—289/Bom/84, 303/Bom/84.	
Dalmia Cement (Bharat) Ltd.—843/Del/84.	
Delhi Cloth & General Mills Co. Ltd.—803/Del/84, 804/Del/84, 805/Del/84.	
Dequeker, F.A.B.—712/Cal/84.	
Deutsche Texaco AG.—758/Cal/84.	

<i>Name</i>	<i>Appln. No.</i>
Development Consultants Private Limited.—753/Cal/84.	
Dholania, K. R.—293/Bom/84, 297/Bom/84.	
Director, Central Pulp & Paper Research Institute, The.—796/Bom/84.	
Dobson Park Industries Flc.—789/Mas/84.	
Dow Chemical Company, The.—756/Mas/84, 770/Mas/84.	
Druzhinin, E.A.—722/Cal/84.	

E

Elpro International Ltd.—278/Bom/84.
Energy Conversion Devices Inc.—755/Cal/84.
Esselte Pac Aktiebolag.—782/Del/84.
Euroceltique, S.A.—760/Cal/84.
Everkleen Sanitary Products Pvt. Ltd.—840/Del/84, 841/Del/84, 842/Del/84.
Exxon Research and Engineering Company.—791/Del/84.

F

FMC Corporation.—792/Del/84.
Fabcon Incorporated.—768/Del/84, 769/Del/84.
Farr, K.—772/Del/84.
Fearing Manufacturing Co. Inc.—715/Cal/84.
Fedotova, N. S.—44/Cal/84.
Ferziger, D.—729/Cal/84.
Fidia S.p.A.—711/Cal/84, 750/Cal/84.
Formica Corporation.—704/Cal/84.
Fratelli Marzoli & C. S.p.A.—774/Del/84.
Fried Krupp Gesellschaft Mit Beschränkter Haftung.—725/Cal/84, 740/Cal/84.

G. D. Societa Per Azioni.—797/Del/84.
Gadekar, K. S.—292/Bom/84.
Gallay S.A.—767/Del/84.
Gandhi, C. S.—279/Bom/84.
Ganz-MAVAG Mazdony, Vagon-es-Gepgyar.—810/Mas/84.
Gebelius, S.R.V.—824/Del/84.
General Foods Corporation.—758/Cal/84, 759/Cal/84.
General Signal Corporation 800/Del/84, 807/Del/84.
George, K. C.—800/Mas/84.
George, W.R.—802/Del/84.
Ghosh, B.—732/Del/84.
Ghosh, S. K.—719/Cal/84.
Giriraj Corporation.—287/Bom/84.
Glasstech, Inc.—761/Mas/84, 786/Mas/84.
Gnanasekaran, A.—794/Mas/84, 795/Mas/84, 796/Mas/84.
Govender, R.—780/Del/84.

Name Appln. No.

H

Heath, R. T.—789/Del/84.
Hindustan Lever Ltd.—282/Bom/84, 302/Bom/84.
Hobbs Medical, Inc.—786/Del/84.
Hoechst Aktiengesellschaft.—756/Cal/84, 774/Mas/84.
Huemer, F. X.—747/Cal/84.

Imag-Verlags AG.—765/Cal/84.
Imperial Chemical Industries Plc.—820/Del/84.
Indian Jute Industries' Research Association.—731/Cal/84.
Institut Francais Du Pétrole.—763/Mas/84.
Intech Systems Corp.—780/Mas/84.
Isover Saint-Gobain.—726/Cal/84, 727/Cal/84.

James Howden & Company Limited.—806/Del/84, 810/Del/84.
Jeetstex Engineering Private Limited.—753/Mas/84, 754/Mas/84, 755/Mas/84.
Jeumont-Schneider.—768/Mas/84.
Jhavar, M.—283/Bom/84, 284/Bom/84.
Junkers, J. K.—734/Cal/84.
Jurkov, L. I.—744/Cal/84.
Jyoti Limited.—277/Bom/84.

KRW Energy Systems Inc.—720/Cal/84.
Kabushiki Kaisha-Honma.—733/Cal/84.
Kabushiki Kaisha Meidensha.—730/Cal/84.
Kakkar, V. K. (Dr.).—823/Del/84.
Kandaswamy, M.—766/Mas/84.
Karl Danzer Furnierwerke.—774/Mas/84.
Kennecott Corporation.—778/Del/84.
Kingsway Enterprises Pvt. Ltd.—844/Del/84.
Krishna, E. G.—829/Del/84.
Krishnamurthy, K.—301/Bom/84.
Kabasov, V. L.—722/Cal/84, 744/Cal/84.
Kumar, K.—777/Del/84.
Kawabata Hakko Kogyo Co. Ltd.—767/Mas/84.

Ladd, H. W.—790/Del/84.
Linde Aktiengesellschaft.—790/Mas/84, 819/Mas/84.
Lvovich, F. I.—722/Cal/84, 744/Cal/84.

<i>Name</i>	<i>Appln. No.</i>
M	
M&T Chemicals Inc.—795/Del/84.	
Mahajani, A. M.—276/Bom/84.	
Mallik, K. N.—812/Del/84, 813/Del/84, 814/Del/84.	
Manville Service Corporation.—736/Cal/84.	
Marbourn Limited.—775/Mas/84.	
Martynov, A. N.—722/Cal/84.	
Masoneilan International Inc.—806/Mas/84.	
Mazanko, A. F.—722/Cal/84, 744/Cal/84.	
Mcgraw-Edison Company.—709/Cal/84, 710/Cal/84.	
Merichem Company.—757/Mas/84.	
Metal Box p.l.c.—803/Mas/84.	
Metallgesellschaft Aktiengesellschaft.—739/Cal/84.	
Mills, R. I.—807/Mas/84.	
Mitsuboshi Belting Ltd.—762/Mas/84.	
Mittal, B. L.—828/Del/84.	
Moffett, F. W.—784/Del/84.	
Mott, J. C.—782/Mas/84.	
N	
Nair, C. N. G.—800/Mas/84.	
National Aeronautics and Space Administration.—805/Mas/84.	
Nauchno-Proizvodstvennoe Obiedinenie "Solntse" Akademii Nauk Turkmenskoi SSR.—738/Cal/84.	
Nelipa, L. N.—722/Cal/84.	
Neste Oy.—742/Cal/84.	
Norsk Hydro A. S.—832/Del/84.	
Novo Industri A/s.—791/Mas/84.	
Nuken GmbH.—751/Cal/84.	
Nyugathagyarszagi Fagazdacagi Kombinat.—788/Mas/84.	
O	
O'Donnell & Associates, Inc.—773/Del/84, 775/Del/84.	
Owens-Illinois, Inc.—776/Mas/84, 777/Mas/84, 778/Mas/84.	
P	
Parikh, R. H.—288/Bom/84.	
Parkyn, W. A.—790/Del/84.	
Patankar, G. V.—817/Mas/84.	
Paul Wurth S. A.—821/Del/84.	
Persson, B. A.—713/Cal/84.	
Pfizer Inc.—831/Del/84.	
Pilkington Brothers P.l C.—808/Mas/84.	
Pocal Industries, Inc.—822/Del/84.	
Pont-AMousson S.A.—779/Mas/84.	
Preformed Line Products Company.—771/Mas/84.	
Punj, M. L. (Dr.).—823/Del/84.	

<i>Name</i>	<i>Appln. No.</i>
Puraq Company, The.—706/Cal/84.	
Pyrene Chemical Services Ltd.—285/Bom/84, 286/Bom/84.	
R	
R M Metal Consulting KY.—764/Mas/84.	
Randall Corporation, The.—728/Cal/84.	
Rao, L. G.—773/Mas/84.	
Rao, V. K. R.—809/Mas/84.	
Research Association for Petroleum Alternatives Development.—741/Cal/84.	
Ron Allan Industries (Australia) P y. Limited.—721/Cal/84.	
Roy, A. R.—719/Cal/84.	
Roy, M. N.—719/Cal/84.	
S	
SKA Association.—760/Mas/84.	
SKF Steel Engineering A B.—811/Mas/84, 812/Mas/84, 813/Mas/84, 814/Mas/84, 815/Mas/84, 816/Mas/84.	
Saini, K. S.—823/Del/84.	
Salter, A. J.—847/Del/84.	
Salter, Y. D.—847/Del/84.	
Saraiya, M. J.—280/Bom/84.	
Scapa Porritt Limited.—787/Del/84.	
Schlumberger Technology Corporation.—765/Mas/84, 787/Mas/84, 799/Mas/84.	
Scars Manufacturing Company.—798/Mas/84.	
Secretary, Ramkrishna Mission Vidyapith, Purulia, The.—763/Cal/84.	
Securistyle Limited.—703/Cal/84.	
Sevalia, R. M.—295/Bom/84.	
Shah, A.—300/Bom/84.	
Shell Internationale Research Maatschappij B. V.—801/Mas/84, 802/Mas/84.	
Singh, P.—811/Del/84.	
Sinha, N. B. (Dr.).—717/Cal/84, 718/Cal/84.	
Societe Nationale ELF Aquitaine (Production).—804/Mas/84.	
Sonat Offshore Inc.—819/Del/84.	
Sood, B.—846/Del/84.	
Southwire Company.—830/Del/84.	
Spasskaya, E. K.—722/Cal/84.	
Stauffer Chemical Company.—751/Mas/84, 752/Mas/84, 792/Mas/84.	
Sumitomo Electric Industries Limited.—784/Mas/84.	
Syntex (U.S.A.) Inc.—746/Mas/84, 747/Mas/84, 748/Mas/84.	
T	
Thamilarasi, K.—766/Mas/84.	
Tecumseh Products Company.—785/Mas/84.	

Name	Appln. No.
Telefonaktiebolaget L.M. Ericsson.—826/Del/84.	
Thillaiammal, K.—766/Mas/84.	
Thirumaran, T.—766/Mas/84.	
Thomas, K. T.—818/Mas/84.	
Thomas, M.—772/Mas/84.	
Thyssen Stahl Aktiengesellschaft.—745/Cal/84.	

U

UDHE Gmbh.—749/Mas/84.	
Unie Van Kunstmestfabrieken B.V.—781/Mas/84, 783/Mas/84.	
Union Carbide Corporation.—799/Del/84, 801/Del/84, 809/Del/84, 833/Del/84, 834/Del/84, 836/Del/84.	
Unisearch Limited.—705/Cal/84.	
Uzbekov, A. A.—744/Cal/84.	

V

V. L. Churchill Limited.—820/Mas/84.	
Veb Kombinat Polygraph "Werner Lemberz" Leipzig.—723/Cal/84, 724/Cal/84.	
Venkatachalapathy, G.—759/Mas/84.	
Vijayachandran, K.—821/Mas/84.	
Voest-Alpine Aktiengesellschaft.—761/Cal/84, 762/Cal/84, 817/Del/84.	

Name	Appln. No.
Vsesojunzny Nauchno-Issledovatel'sky Institut Osobo Chistykh Biopreparatov.—737/Cal/84, 743/Cal/84.	

W

Walchandnagar Industries Limited.—291/Bom/84.	
Weinberg, N. L.—760/Mas/84.	
Werkzeug-Werke, J. F. Werz Kg.—716/Cal/84.	
Westinghouse Brake and Signal Company Limited.—818/Del/84.	
Westinghouse Electric Corporation.—748/Cal/84, 749/Cal/84.	
White Consolidated Industries, Inc.—798/Del/84.	
Whiteing, R. G.—770/Del/84, 771/Del/84.	
Wilkinson, W. T.—793/Del/84.	
Williams, C. J.—766/Cal/84.	
Wrede KY —764/Cal/84.	

Z

Zana International, Inc.—785/Del/84.	
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